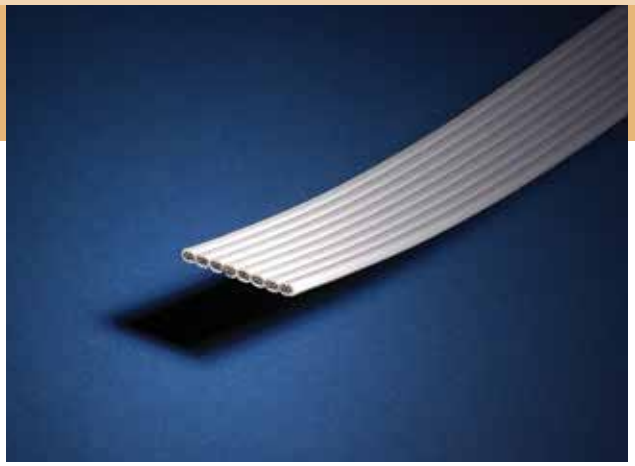
Return to TOC

UL Style: 21162
UL Voltage Rating: 30V
UL Temp: 80°C

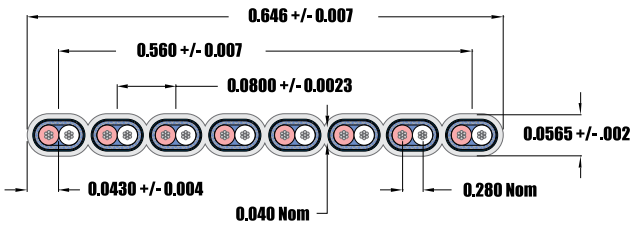


Intended for rolling flex, continuous motion applications requiring stable impedance

Precise pair to pair pitch

APPLICATIONS *Test and measurement equipment, low skew pair to pair and low in pair skew.*

RoHS and REACH Compliant



PHYSICAL CONSTRUCTION DESCRIPTION **16 - 30 AWG (7/38) silver plated conductors insulated with FEP are converted into 8 twinaxials, each with a 44 AWG silver plated braid, 90% coverage. Overall, an extruded PVC jacket holds the 8 flexible twinaxials together.**

Part Number Put-Up	# of Conductors	Conductor AWG Stranding/ Coating Insulation	Shield Design	Conductor Resistance ohms/Mft (ohms/Km) @20 deg C	Impedance Diff. (G-S) (Ohms)	Capacitance pF/ft (pF/m)	Propagation Delay Nanoseconds/ft (ns/m) Maximum Skew ps/ft (ps/m)	Width "W"** Span "S" Pitch Tolerance* inches (mm)
20257-16-P-00200 200 feet (60.96 m)	16 conductors (8 twinaxials)	30 7/38 SPC FEP	Braid Shield, SPC, 90%, 7 ends of 44 AWG	98 (324)	96±5	13 pF/ft 42.5 pF/m	1.44 Nominal (4.72) 3 (10)	0.646 ± 0.007 (16.40 ± 0.177) 0.56 ± 0.007 (14.22 ± 0.177) 0.08 ± 0.003 (2.03 ± 0.076)
20265-16-P-00200 200 feet (60.96 m)	16 conductors (8 twinaxials)	31 7/39 SPC FEP	Braid Shield, SPC, 90%, 7 ends of 44 AWG	125 (410)	100±5	13 pF/ft 42.5 pF/m	1.44 Nominal (4.72) 3 (10)	0.646 ± 0.007 (16.40 ± 0.177) 0.56 ± 0.007 (14.22 ± 0.177) 0.08 ± 0.003 (2.03 ± 0.076)
20225-16-P00200 200 feet (60.96 m)	16 conductors (8 twinaxials)	30 1/30 SPC FEP	Braid Shield, SPC, 90%, 6 ends of 44 AWG	102 (334)	100±5	13 pF/ft 42.5 pF/m	1.44 Nominal (4.72) 3 (10)	0.646 ± 0.007 (16.40 ± 0.177) 0.56 ± 0.007 (14.22 ± 0.177) 0.08 ± 0.0023 (2.03 ± 0.058)

These cables are made to order. Other conductor counts available upon request.